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**Schlumberger**

22154 U.S. PTO  
10/667639  
09/22/03

**Via Express Mail EV 058370645 US**

September 22, 2003

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: Patent Application of:  
Torleif TORGERSEN, Bhavani RAGHURAMAN, Edward HARRIGAN,  
Oliver C. MULLINS, Gale GUSTAVSON, Philip RABBITO, and  
Ricardo Reves VASQUES  
entitled, "**Determining Fluid Chemistry of Formation Fluid by  
Downhole Reagent Injection Spectral Analysis**  
(Our Reference No. 60.1536 – CUSTOMER NO. 37003)

Sir,

Enclosed for filing in the U.S. Patent and Trademark Office is the above-identified non-provisional patent application, which includes 18 pages of text, 3 pages of claims (1-33), Abstract, 20 sheets of drawings (Figs 1-20B), and an unexecuted Declaration.

The filing fee is calculated as follows:

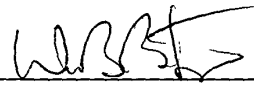
Basic Filing Fee	\$ 750.00
Total Claims = <u>33</u>	
Excess over 20 = <u>13</u> X \$18.00	234.00
Independent Claims = <u>2</u>	
Excess over 3 = <u>0</u> X \$84.00	
Total Fees	<b>\$984.00</b>

It is respectfully requested that a filing date bearing today's date be assigned to this application in accordance with 37 CFR §1.10, and 37 CFR §1.53, which permits express mail filing and late filing of the oath or declaration, respectively.

The Commissioner is hereby authorized to charge Deposit Account Nº. 19-0615 in the amount of **\$984.00** to cover the above-calculated fees and any other filing fees that may be required under 37 C.F.R. §1.16. Should this amount be incorrect, the Commissioner is hereby authorized to charge or credit any deficiency or overpayment to Deposit Account Nº. 19-0615

Two copies of this transmittal letter are enclosed for PTO accounting use.

Respectfully submitted,

By   
William B. Batzer  
Registration No. 37,088

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
TORGERSEN et al.	)	CUSTOMER NO. 37003
	)	
Serial N°: To be Assigned	)	Group Art Unit:
	)	
Filed: September 22, 2003	)	Examiner:
	)	
For: DETERMINING FLUID CHEMISTRY OF	)	Docket N°: 60.1536
FORMATION FLUID BY DOWNHOLE	)	
REGEANT INJECTION SPECTRAL ANALYSIS	)	

EXPRESS MAIL CERTIFICATE  
UNDER 37 CFR §1.10

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Express Mail Label Number: EV 058370645 US

Date of Deposit: September 22, 2003

I hereby certify that the attached Patent Application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(Signature)

(Print Name)



Ruth A. Schreiber

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